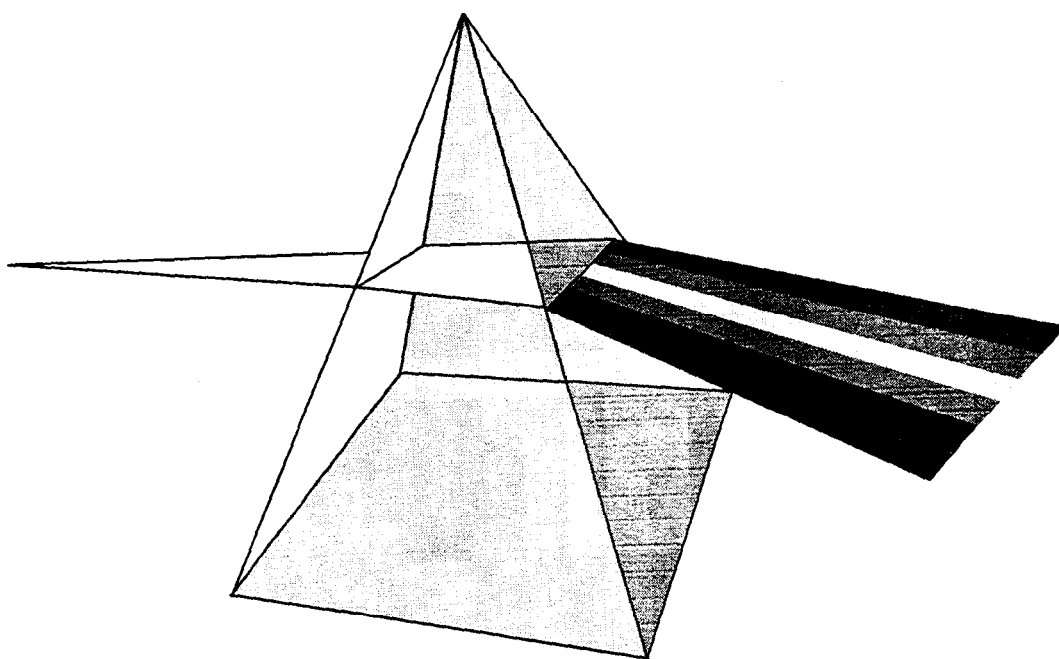


ELEMENTARY SCIENCE

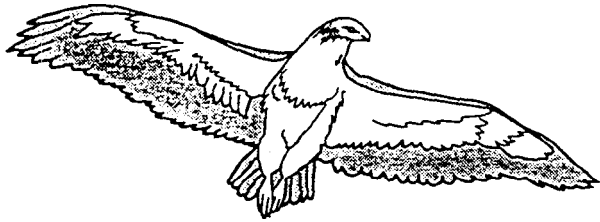
RELEASED ITEMS



Missouri Assessment Program
Spring 1998

CONSTRUCTED RESPONSE ITEMS

1. Look at the pictures of these living things.



hawk



wheat



mouse

On the lines below, write the names of these living things in correct order to show a food chain.

_____ → _____ → _____

food chain

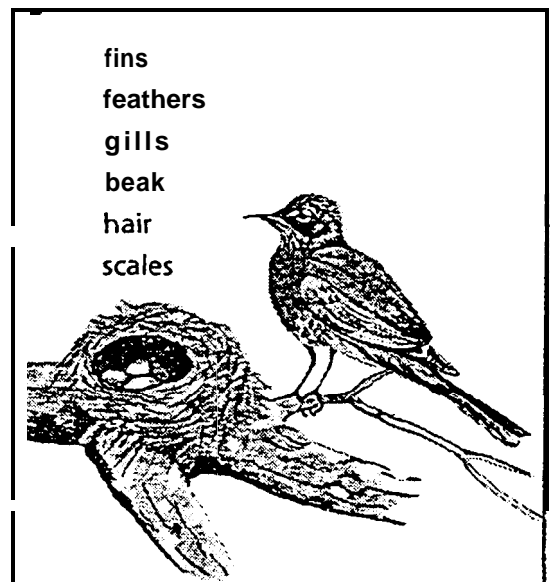
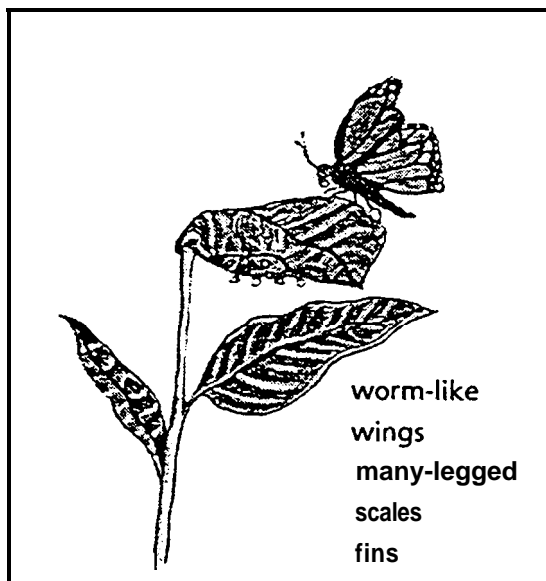
2. Give two reasons why the three living things must be listed in the order you chose.

1. _____

2. _____

3. Give one reason why dams have been built on some of the rivers that run through Missouri.

4. The pictures below show butterfly and bird eggs that are about to hatch.



Circle two words in each box that describe the living things that will hatch from each type of egg;

5. A bulldozer can change the appearance of Earth's surface in a few hours.

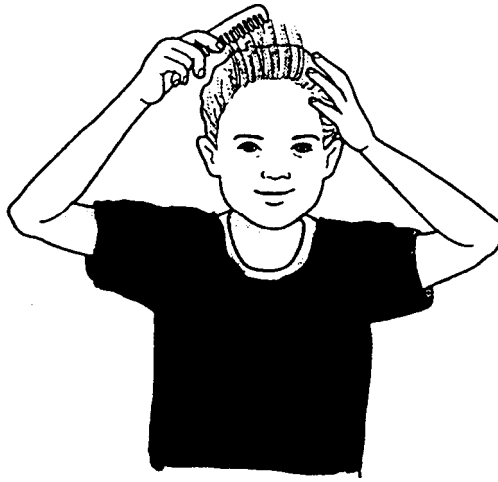
List two natural causes of rapid change in the appearance of Earth's surface.

1. _____

2. _____

6. When wet clothes become dry, what happens to the water?

7. Look at the picture below.



Explain what force is making the child's hair stand up.

Describe one other example that shows this force at work.

8. Just before leaving on a trip, Jack wrote in his diary: "The air is so humid."

Explain what he meant by "humid."

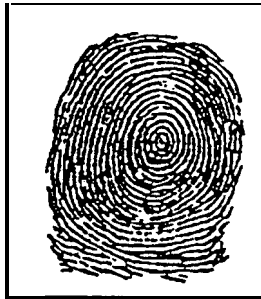
PERFORMANCE EVENT ITEM

Thumbprints

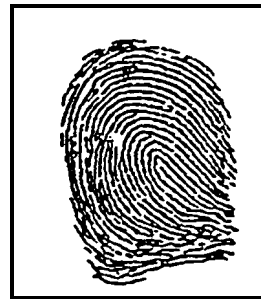
Look at the picture of a thumbprint that you were given with your test booklet.
Now look at the Thumbprint chart below.



Arch



Whorl



Loop

Study the shape of the lines on the thumbprint you were given. Is the
-thumbprint you have an arch, a whorl, or a loop? _____

Complete the rest of this activity working on your **own**.

Fill in **the** chart below, using the numbers from your teacher's chart..

MY CLASS THUMBPRINT CHART

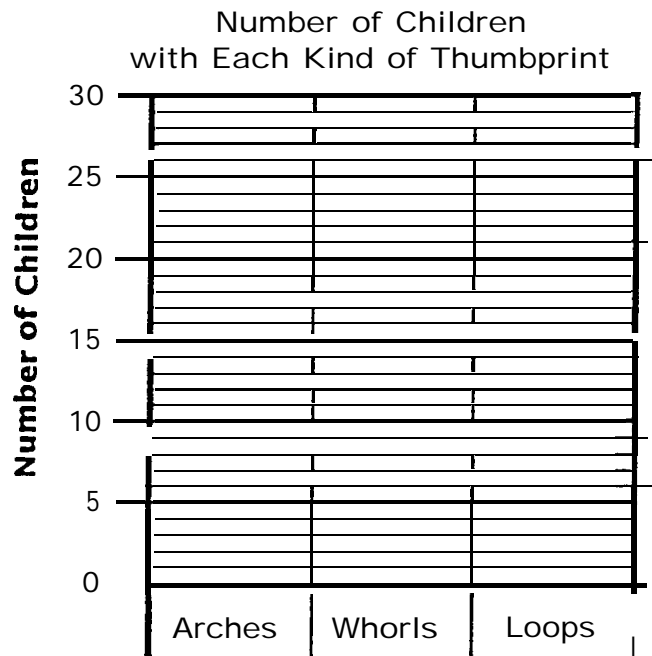
| Type of Thumbprint | Number of Students |
|--------------------|--------------------|
| Arch | |
| Whorl | |
| L o o p | |



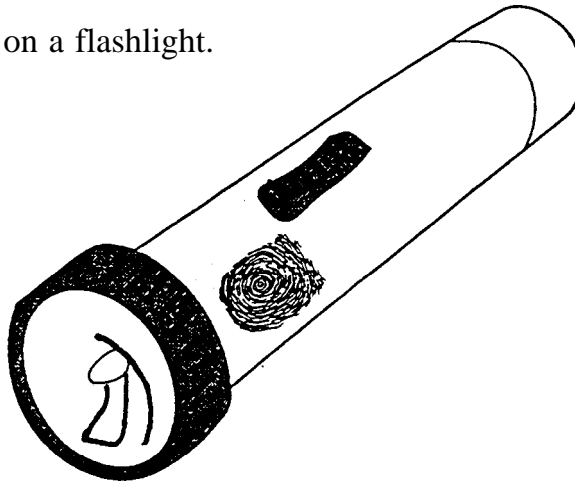
What kind of thumbprint did most of the students in your class have?

2

Finish the bar. graph below to show the information on the “My Class Thumbprint Chart.”



Mary found a thumbprint on a flashlight.

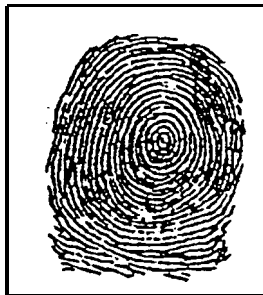


Mary looked at a chart showing three different kinds of thumbprints.

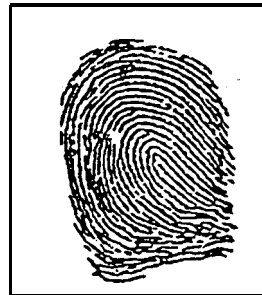
Thumbprint Chart



Arch



Whorl



Loop

3

Which kind of thumbprint was on the flashlight?

Explain one thing about the thumbprint on the flashlight that helped you tell what kind it was.

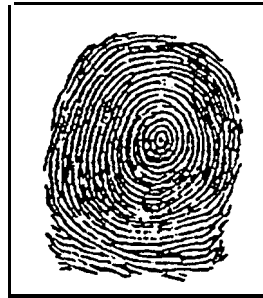
Look at the thumbprints of Mary's brothers and sisters.



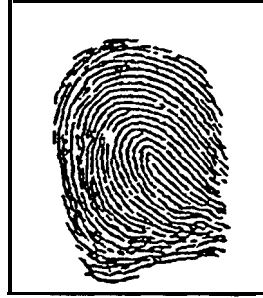
Billy



Alexis



Sarah



John

4

Whose thumbprint was on the flashlight?

How did you know?

5

How are thumbprints used by detectives?
